

RAW SEQUENCE LISTING

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Application Serial Number: 101 522, 427
Source: PGT
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PCT

RAW SEQUENCE LISTING

DATE: 03/01/2005

PATENT APPLICATION: US/10/522,427

TIME: 10:00:50

Input Set : A:\pto.kd.txt

Output Set: N:\CRF4\03012005\J522427.raw

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      3 <110> APPLICANT: Commonwealth Scientific and Industrial Research Organisation
W--> 4 <120> TITLE OF INVENTION: Expression system
W--> 5 <130> FILE REFERENCE: 13447210
C--> 6 <140> CURRENT APPLICATION NUMBER: US/10/522,427
C--> 6 <141> CURRENT FILING DATE: 2005-01-25
W--> 6 <160> NUMBER OF SEQ ID: 40
      7 <170> SOFTWARE: PatentIn version 3.2
      9 <210> SEQ ID NO: 1
     10 <211> LENGTH: 30
     11 <212> TYPE: PRT
     12 <213> ORGANISM: Artificial Sequence
W--> 13 <220> FEATURE:
     14 <223> OTHER INFORMATION: signal sequence
W--> 15 <400> SEQUENCE: 1
     16 Met Lys Lys Arg Arg Val Val Asn Ser Val Leu Leu Leu Leu Leu Leu
     17 1          5          10          15
     18 Ala Ser Ala Leu Ala Leu Thr Val Ala Pro Met Ala Lys Ala
     19          20          25          30
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     22 <211> LENGTH: 46
     23 <212> TYPE: PRT
     24 <213> ORGANISM: Artificial Sequence
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     26 <223> OTHER INFORMATION: signal sequence
W--> 27 <400> SEQUENCE: 2
     29 Met Glu Ala Arg Met Thr Gly Arg Arg Lys Val Thr Arg Arg Asp Ala
     30 1          5          10          15
     31 Met Ala Asp Ala Ala Arg Ala Val Gly Val Ala Cys Leu Gly Gly Phe
     32          20          25          30
     33 Ser Leu Ala Ala Leu Val Arg Thr Ala Ser Pro Val Asp Ala
     34          35          40          45
     36 <210> SEQ ID NO: 3
     37 <211> LENGTH: 41
     38 <212> TYPE: PRT
     39 <213> ORGANISM: Artificial Sequence
W--> 40 <220> FEATURE:
     41 <223> OTHER INFORMATION: signal sequence
W--> 42 <400> SEQUENCE: 3
     43 Met Ser Arg Ser Ala Lys Pro Gln Asn Gly Arg Arg Arg Phe Leu Arg
     44 1          5          10          15
     45 Asp Val Val Arg Thr Ala Gly Gly Leu Ala Ala Val Gly Val Ala Leu
     46          20          25          30
     47 Gly Leu Gln Gln Gln Thr Ala Arg Ala

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48          35          40
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51 <211> LENGTH: 27
52 <212> TYPE: PRT
53 <213> ORGANISM: Artificial Sequence
W--> 54 <220> FEATURE:
55 <223> OTHER INFORMATION: signal sequence
W--> 56 <400> SEQUENCE: 4
57 Met Thr Trp Ser Arg Arg Gln Phe Leu Thr Gly Val Gly Val Leu Ala
58 1          5          10          15
59 Ala Val Ser Gly Thr Ala Gly Arg Val Val Ala
60          20          25
62 <210> SEQ ID NO: 5
63 <211> LENGTH: 27
64 <212> TYPE: PRT
65 <213> ORGANISM: Artificial Sequence
W--> 66 <220> FEATURE:
67 <223> OTHER INFORMATION: signal sequence
W--> 68 <400> SEQUENCE: 5
69 Met Asp Arg Arg Arg Phe Leu Thr Leu Leu Gly Ser Ala Gly Leu Thr
70 1          5          10          15
71 Ala Thr Val Ala Thr Ala Gly Thr Ala Lys Ala
72          20          25
74 <210> SEQ ID NO: 6
75 <211> LENGTH: 37
76 <212> TYPE: PRT
77 <213> ORGANISM: Artificial Sequence
W--> 78 <220> FEATURE:
79 <223> OTHER INFORMATION: signal sequence
W--> 80 <400> SEQUENCE: 6
81 Met Ser Glu Lys Asp Lys Met Ile Thr Arg Arg Asp Ala Leu Arg Asn
82 1          5          10          15
83 Ile Ala Val Val Val Gly Ser Val Ala Thr Thr Thr Met Met Gly Val
84          20          25          30
85 Gly Val Ala Asp Ala
86          35
88 <210> SEQ ID NO: 7
89 <211> LENGTH: 34
90 <212> TYPE: PRT
91 <213> ORGANISM: Artificial Sequence
W--> 92 <220> FEATURE:
93 <223> OTHER INFORMATION: signal sequence
W--> 94 <400> SEQUENCE: 7
95 Met Gln Ile Val Asn Leu Thr Arg Arg Gly Phe Leu Lys Ala Ala Cys
96 1          5          10          15
97 Val Val Thr Gly Gly Ala Leu Ile Ser Ile Arg Met Thr Gly Lys Ala
98          20          25          30
99 Val Ala
102 <210> SEQ ID NO: 8

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109 Met Asn Asn Glu Glu Thr Phe Tyr Gln Ala Met Arg Arg Gln Gly Val
110 1 5 10 15
111 Thr Arg Arg Ser Phe Leu Lys Tyr Cys Ser Leu Ala Ala Thr Ser Leu
112 20 25 30
113 Gly Leu Gly Ala Gly Met Ala Pro Lys Ile Ala Trp Ala
114 35 40 45
116 <210> SEQ ID NO: 9
117 <211> LENGTH: 48
118 <212> TYPE: PRT
119 <213> ORGANISM: Artificial Sequence
W--> 120 <220> FEATURE:
121 <223> OTHER INFORMATION: signal sequence
W--> 122 <400> SEQUENCE: 9
123 Met Ser Thr Gly Thr Thr Asn Leu Val Arg Thr Leu Asp Ser Met Asp
124 1 5 10 15
125 Phe Leu Lys Met Asp Arg Arg Thr Phe Met Lys Ala Val Ser Ala Leu
126 20 25 30
127 Gly Ala Thr Ala Phe Leu Gly Thr Tyr Gln Thr Glu Ile Val Asn Ala
128 35 40 45
130 <210> SEQ ID NO: 10
131 <211> LENGTH: 50
132 <212> TYPE: PRT
133 <213> ORGANISM: Artificial Sequence
W--> 134 <220> FEATURE:
135 <223> OTHER INFORMATION: signal peptide
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137 Met Lys Cys Tyr Ile Gly Arg Gly Lys Asn Gln Val Glu Glu Arg Leu
138 1 5 10 15
139 Glu Arg Arg Gly Val Ser Arg Arg Asp Phe Met Lys Phe Cys Thr Ala
140 20 25 30
141 Val Ala Val Ala Met Gly Met Gly Pro Ala Phe Ala Pro Lys Val Ala
142 35 40 45
143 Glu Ala
144 50
146 <210> SEQ ID NO: 11
147 <211> LENGTH: 26
148 <212> TYPE: PRT
149 <213> ORGANISM: Artificial Sequence
W--> 150 <220> FEATURE:
151 <223> OTHER INFORMATION: signal sequence
W--> 152 <400> SEQUENCE: 11
153 Met Asn Arg Arg Asn Phe Ile Lys Ala Ala Ser Cys Gly Ala Leu Leu
154 1 5 10 15

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155 Thr Gly Ala Leu Pro Ser Val Ser His Ala
156          20                      25
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159 <211> LENGTH: 44
160 <212> TYPE: PRT
161 <213> ORGANISM: Artificial Sequence
W--> 162 <220> FEATURE:
163 <223> OTHER INFORMATION: signal sequence
W--> 164 <400> SEQUENCE: 12
165 Met Ser His Ala Asp Glu His Ala Gly Asp His Gly Ala Thr Arg Arg
166 1          5                      10                      15
167 Asp Phe Leu Tyr Tyr Ala Thr Ala Gly Ala Gly Thr Val Ala Ala Gly
168          20                      25                      30
169 Ala Ala Ala Trp Thr Leu Val Asn Gln Met Asn Pro
170          35                      40
172 <210> SEQ ID NO: 13
173 <211> LENGTH: 44
174 <212> TYPE: PRT
175 <213> ORGANISM: Artificial Sequence
W--> 176 <220> FEATURE:
177 <223> OTHER INFORMATION: signal sequence
W--> 178 <400> SEQUENCE: 13
179 Met Thr Gln Ile Ser Gly Ser Pro Asp Val Pro Asp Leu Gly Arg Arg
180 1          5                      10                      15
181 Gln Phe Met Asn Leu Leu Thr Phe Gly Thr Ile Thr Gly Val Ala Ala
182          20                      25                      30
183 Gly Ala Leu Tyr Pro Ala Val Lys Tyr Leu Ile Pro
184          35                      40
186 <210> SEQ ID NO: 14
187 <211> LENGTH: 32
188 <212> TYPE: PRT
189 <213> ORGANISM: Artificial Sequence
W--> 190 <220> FEATURE:
191 <223> OTHER INFORMATION: signal sequence
W--> 192 <400> SEQUENCE: 14
193 Met Asp Arg Arg Thr Phe Leu Arg Leu Tyr Leu Leu Val Gly Ala Ala
194 1          5                      10                      15
195 Ile Ala Val Ala Pro Val Ile Lys Pro Ala Leu Asp Tyr Val Gly Tyr
196          20                      25                      30
198 <210> SEQ ID NO: 15
199 <211> LENGTH: 42
200 <212> TYPE: PRT
201 <213> ORGANISM: Artificial Sequence
W--> 202 <220> FEATURE:
203 <223> OTHER INFORMATION: signal sequence
W--> 204 <400> SEQUENCE: 15
205 Met Thr Lys Leu Ser Gly Gln Glu Leu His Ala Glu Leu Ser Arg Arg
206 1          5                      10                      15
207 Ala Phe Leu Ser Tyr Thr Ala Ala Val Gly Ala Leu Gly Leu Cys Gly

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208          20          25          30
209 Thr Ser Leu Leu Ala Gln Gly Ala Arg Ala
210          35          40
212 <210> SEQ ID NO: 16
213 <211> LENGTH: 31
214 <212> TYPE: PRT
215 <213> ORGANISM: Artificial Sequence
W--> 216 <220> FEATURE:
217 <223> OTHER INFORMATION: signal sequence
W--> 218 <400> SEQUENCE: 16
219 Met Thr Leu Thr Arg Arg Glu Phe Ile Lys His Ser Gly Ile Ala Ala
220 1          5          10          15
221 Gly Ala Leu Val Val Thr Ser Ala Ala Pro Leu Pro Ala Trp Ala
222          20          25          30
224 <210> SEQ ID NO: 17
225 <211> LENGTH: 31
226 <212> TYPE: PRT
227 <213> ORGANISM: Artificial Sequence
W--> 228 <220> FEATURE:
229 <223> OTHER INFORMATION: signal sequence
W--> 230 <400> SEQUENCE: 17
231 Met Thr Ile Ser Arg Arg Asp Leu Leu Lys Ala Gln Ala Ala Gly Ile
232 1          5          10          15
233 Ala Ala Met Ala Ala Asn Ile Pro Leu Ser Ser Gln Ala Pro Ala
234          20          25          30
236 <210> SEQ ID NO: 18
237 <211> LENGTH: 32
238 <212> TYPE: PRT
239 <213> ORGANISM: Artificial Sequence
W--> 240 <220> FEATURE:
241 <223> OTHER INFORMATION: signal sequence
W--> 242 <400> SEQUENCE: 18
243 Met Ser Glu Ala Leu Ser Gly Arg Gly Asn Asp Arg Arg Lys Phe Leu
244 1          5          10          15
245 Lys Met Ser Ala Leu Ala Gly Val Ala Gly Val Ser Gln Ala Val Gly
246          20          25          30
248 <210> SEQ ID NO: 19
249 <211> LENGTH: 45
250 <212> TYPE: PRT
251 <213> ORGANISM: Artificial Sequence
W--> 252 <220> FEATURE:
253 <223> OTHER INFORMATION: signal sequence
W--> 254 <400> SEQUENCE: 19
255 Met Lys Thr Lys Ile Pro Asp Ala Val Leu Ala Ala Glu Val Ser Arg
256 1          5          10          15
257 Arg Gly Leu Val Lys Thr Thr Ala Ile Gly Gly Leu Ala Met Ala Ser
258          20          25          30
259 Ser Ala Leu Thr Leu Pro Phe Ser Arg Ile Ala His Ala
260          35          40          45

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VERIFICATION SUMMARY

DATE: 03/01/2005

PATENT APPLICATION: US/10/522,427

TIME: 10:00:51

Input Set : A:\pto.kd.txt

Output Set: N:\CRF4\03012005\J522427.raw

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L:5 M:283 W: Missing Blank Line separator, <130> field identifier
L:6 M:270 C: Current Application Number differs, Replaced Current Application No
L:6 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:6 M:283 W: Missing Blank Line separator, <160> field identifier
L:13 M:283 W: Missing Blank Line separator, <220> field identifier
L:15 M:283 W: Missing Blank Line separator, <400> field identifier
L:25 M:283 W: Missing Blank Line separator, <220> field identifier
L:27 M:283 W: Missing Blank Line separator, <400> field identifier
L:40 M:283 W: Missing Blank Line separator, <220> field identifier
L:42 M:283 W: Missing Blank Line separator, <400> field identifier
L:54 M:283 W: Missing Blank Line separator, <220> field identifier
L:56 M:283 W: Missing Blank Line separator, <400> field identifier
L:66 M:283 W: Missing Blank Line separator, <220> field identifier
L:68 M:283 W: Missing Blank Line separator, <400> field identifier
L:78 M:283 W: Missing Blank Line separator, <220> field identifier
L:80 M:283 W: Missing Blank Line separator, <400> field identifier
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L:94 M:283 W: Missing Blank Line separator, <400> field identifier
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L:108 M:283 W: Missing Blank Line separator, <400> field identifier
L:120 M:283 W: Missing Blank Line separator, <220> field identifier
L:122 M:283 W: Missing Blank Line separator, <400> field identifier
L:134 M:283 W: Missing Blank Line separator, <220> field identifier
L:136 M:283 W: Missing Blank Line separator, <400> field identifier
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L:164 M:283 W: Missing Blank Line separator, <400> field identifier
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L:192 M:283 W: Missing Blank Line separator, <400> field identifier
L:202 M:283 W: Missing Blank Line separator, <220> field identifier
L:204 M:283 W: Missing Blank Line separator, <400> field identifier
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L:218 M:283 W: Missing Blank Line separator, <400> field identifier
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L:230 M:283 W: Missing Blank Line separator, <400> field identifier
L:240 M:283 W: Missing Blank Line separator, <220> field identifier
L:242 M:283 W: Missing Blank Line separator, <400> field identifier
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L:254 M:283 W: Missing Blank Line separator, <400> field identifier
L:266 M:283 W: Missing Blank Line separator, <220> field identifier
L:268 M:283 W: Missing Blank Line separator, <400> field identifier
L:280 M:283 W: Missing Blank Line separator, <220> field identifier
L:282 M:283 W: Missing Blank Line separator, <400> field identifier
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VERIFICATION SUMMARY

DATE: 03/01/2005

PATENT APPLICATION: US/10/522,427

TIME: 10:00:51

Input Set : A:\pto.kd.txt

Output Set: N:\CRF4\03012005\J522427.raw

L:294 M:283 W: Missing Blank Line separator, <400> field identifier
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L:308 M:283 W: Missing Blank Line separator, <400> field identifier
L:320 M:283 W: Missing Blank Line separator, <220> field identifier